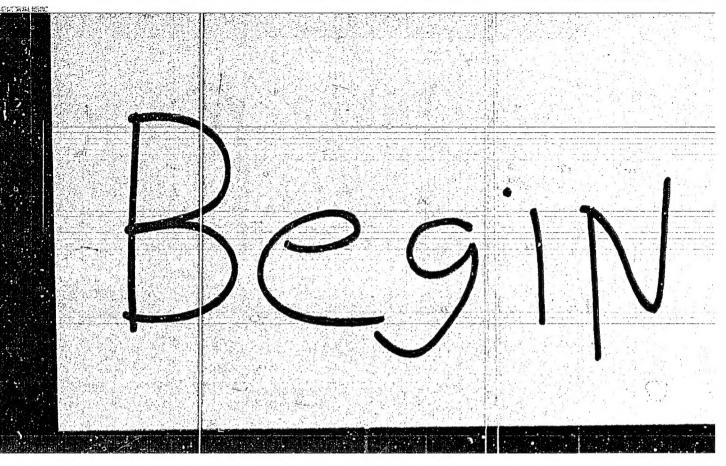
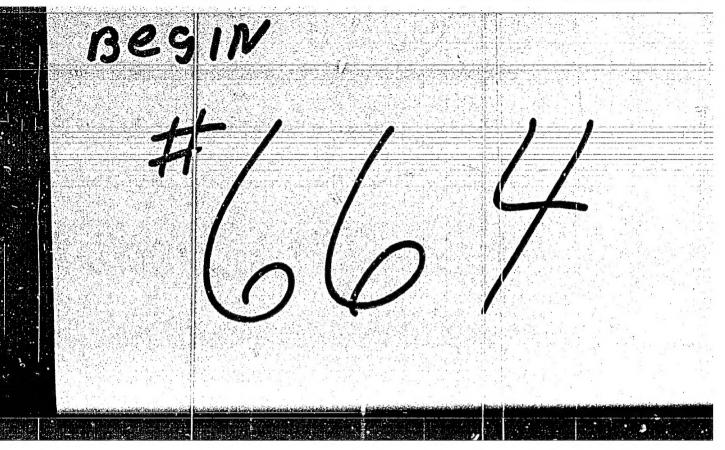
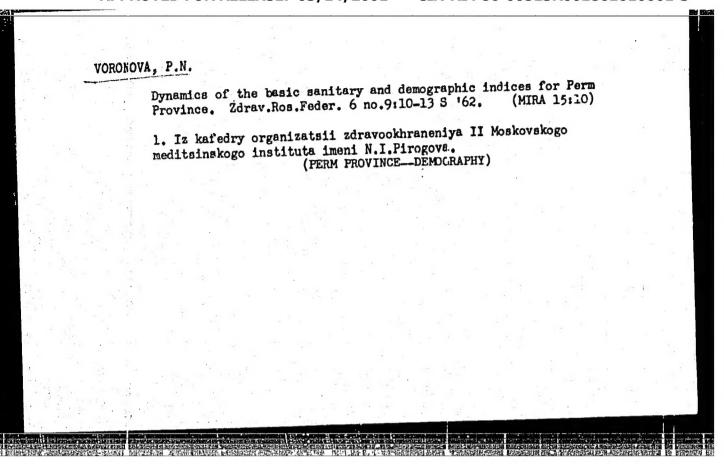
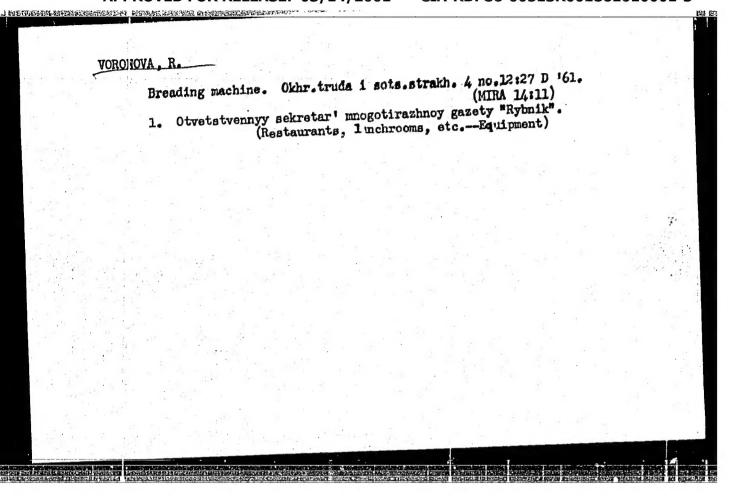
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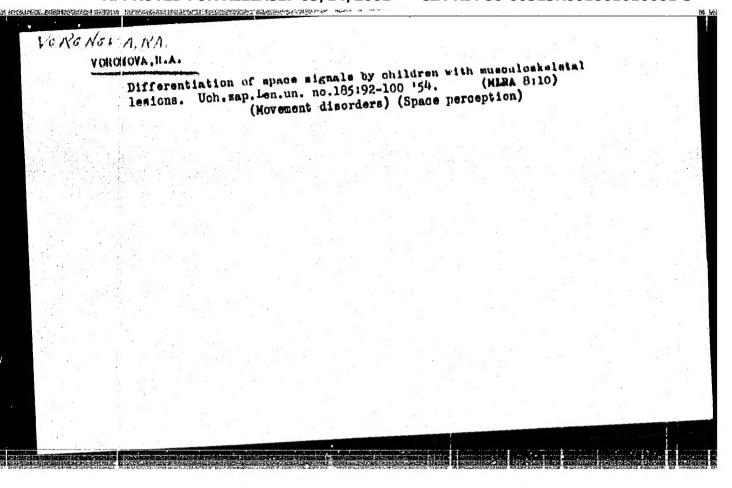


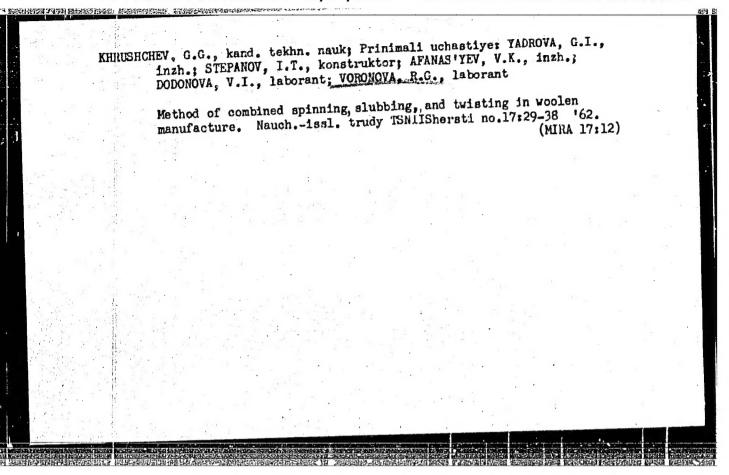






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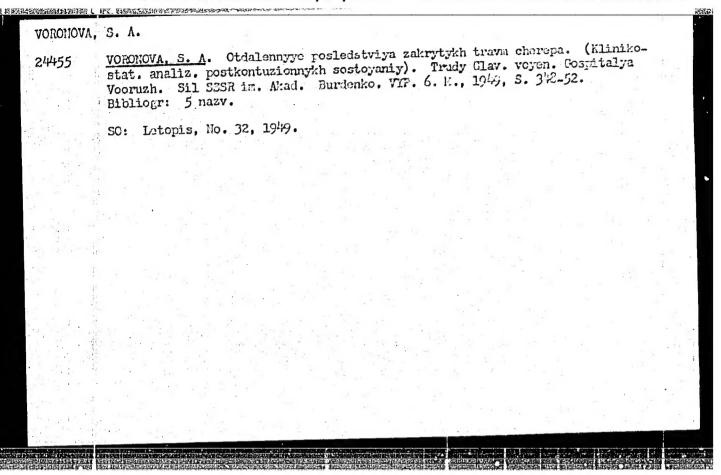


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MUH.OMTSEV, A.M.; ARKHIPOVA, Ye.G.; MAKEROV, Yu.V.; KHARITONOV, D.G.; DOBROVOL'SKAYA, L.N.; POTAYCHUK, M.S.; VORONOVA, S.P.; BELOV, V.P.; RZHEPLINSKIY, G.V., nauchn. red.; ROSHCHINA, V.V., red.; ZARKH, I.M., tekhn. red.

[Basic characteristics of the hydrology of the Atlantic Ocean] Osnovnye cherty gidrologii Atlanticheskogo Okeana.
Pod red. A.M.Muromtseva. Moskva Gidrometeoizdat, 1963.
835 p. [Atlas of vertical cross s ctions and maps of temperature, salinity, density and oxygen composition] Prilozhenie no.2. Atlas vertikal nykh razrezov i kart temperatury, solenosti, plotnosti i soderzhania kisloroda. 182 p. (MIRA 17:3)

1. Moscow. Gosudarstvennyy okeanograficheskiy institut.



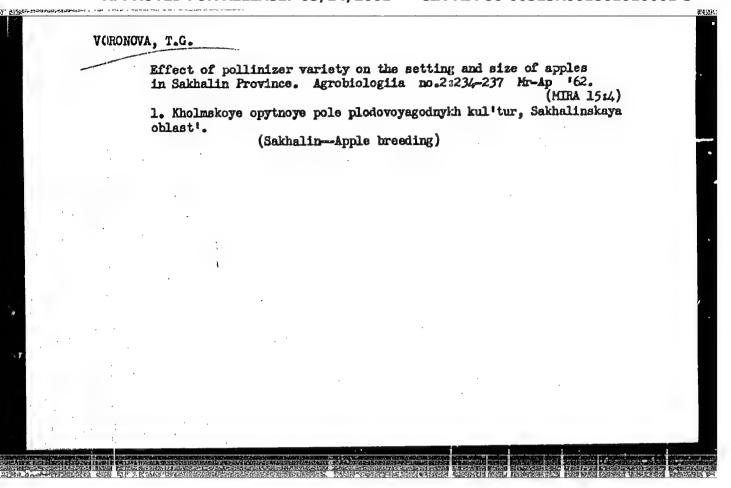
CRESCO	HERRICA BEEN CONTROLLED TO BE SEEN TO SEE THE TOWN OF
	ACCEBSION NR: AP4040669 B/0075/64/019/006/0705/0708
	AUTHOR: Yatsimirskiy, K. B.; Morozova, R. P.; Voronova, T. A.; Gershkovich, R. M.
	TITIE: Quantitative determination of tantalum by its catalytic action on the oxidation of thiosulfate by hydrogen peroxide.
	SOUFCE: Zhurnal analiticheskoy khimii, v. 19, no. 6, 1964, 705-708
	TOPIC TAGS: tantalum, quantitative determination, thiosulfate oxidation, catalysed thiosulfate oxidation, kinetic analysis, phototurbidizetric determination, catalysed oxidation
	ABSURACT: A new kinetic method is suggested for the quantitative determination of Ta (V), based on the catalysis of the reaction between this culfate and hydrogen permittee: $4H_2O_3 + S_2O_3^2 \rightarrow 2SO_4^2 + 2H^4 + 3H_2O. \tag{1}$
	Sings the rate of sulfate formation is proportional to the catalyst concentration, and since the optical density of BaSO, is directly proportional to the sulfate ion
	Card 1/3

accession MR: Aphoho669 concentration, phototurbidimetric determination in the changes of the optical density of BaSO, will indicate the rate of the indicated reaction. A linear relationship was found between catalyst concentration (1.2., sulfate formation) and length of the induction period (time from mixing of the reagents to moment optical density = 0.05). The relationships between induction period and peroxide and thiosulfate concentrations were also established (figs. 1, 2). It is suggested that concentrations of these corresponding to the middle portions of these curves be used. W, T1, V and Th ions, which themselves catalyse the above reaction, and fluoride ions which form strong complexes with the catalyst affect the determination. Orig. art. has: 2 tables, 3 figures and 2 equations. ASSOCIATION: Ivanovskiy khimico-tekhnologicheskiy institut (Ivanov Chemical Technological Institute) SURMITTED: OSJul63 ENCL: 01 SUB NODE: IC NO REF SOV: 005 OTHER: 000

VORONOVA, T.G., kand. sel'skokhoz. nauk

Growth rhythm of fruit crop roots in relation to the development of their aerial parts. Agrobiologiia no.2:291-293 Mr-Ap '65. (MIRA 18:11)

1. Sakhalinskaya oblast', Anivskiy rayon, poselok Pyatirech'ye.



Goumi. Priroda 50 no.11:107-108 N '61.	(MIRA 14:10)
1. Kholmskoye opytnoye pole plodovo-yagodnykh kul'tur, Sakhalinskaya obl. (Sakhalin-Goumi)	

VOROHCVA, V. F.

VORONOVA, V. F. - "Qualitative Investigation of the Position of Integral Gurves of the Equation

$$y1 = \frac{A3(x,y) + f(x,y)}{B3(x,y) + q(x,y)}$$

in the Vicinity of a Particular Point." Min Education RSFSR. Moscow Oblast Pedagogical Inst. Moscow, 1955. (Dissertation for the Degree of Candidate of Physicomathomatical Sciences)

So; Knizhnaya Letopis', No 3, 1956

VORONOVA, Vera Petrovna; MOZHAROV, Nikolay Alekseyevich; DAYEV,
A.K., dots., red.

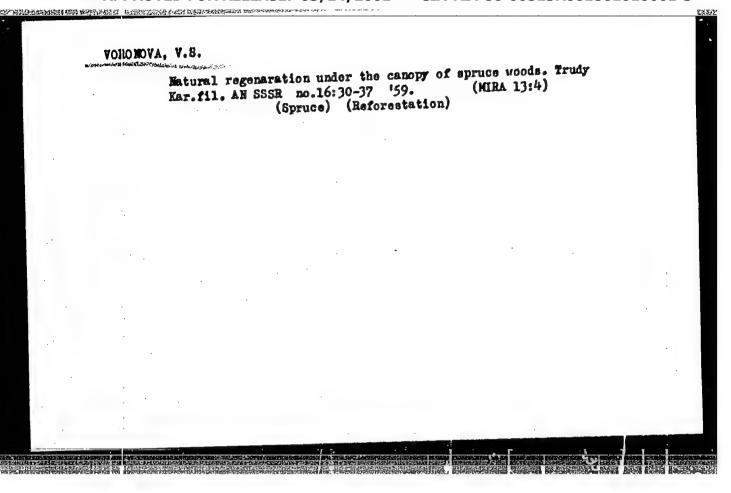
[Thermal analysis of a boiler unit; manual for a course project] Teplovoi raschet kotloagregata; posobie po kursovomu proektirovaniiu. Moskva, energeticheskii in-t, 1961.

87 p. (MIRA 17:3)

CIA-RDP86-00513R001861010001-3

VORONOVA, V. P. -- "Investigation of the Method for Obtaining and the Analysis of Concentrated Samples of Condensate of Steam." Sub30 Dec 52, Moscow Order of Lenin Power Engineering Instiment V. M. Molotov. (Dissertation for the Degree of Candidate in Tachnical Sciences.)

SO: VECHERNAYA MOSKVA, January-December 1952



Appearance of conifer shoots on cut-over areas with different types of vegetation, Izv.Kar.i Kol.fil.AN SSSR no.5:97-102 (MIRA 19:0)

1. Institut lesa Kareliskogo filiala AN SSSR. (Coniferae)

 YAKOVLEV, F.S.; VORONOVA, V.S.; VILIKAYNEN, M.I., kand. biol. nauk, nacunyy red.; PANKRÁSHOV, A.F., red.; POD"EL'SKAYA, K.M., tekhn. red.

[Forest types in Karelia and their natural zoning] Tipy lesov Karelii i ikh prirodnoe reionirovanie. Futrozavodsk, Gos. izdvo Kareli skoi ASSR, 1959. 189 p. (MIRA 15:4)

(Karelia—Forests and forestry)

VORCNOVA, V. S.

Dissertation defended in the Botanical Institute imeni V. L. Komarov for the academic degree of Candidate of Biological Sciences:

"Types of Spruce Forest and Felling of Karelia."

Vestnik Akad Nauk No. 4, 1963. pp. 119-145

VORONOVA, V.S.: LISENKOV, A.F.

· 大型型性機能的指揮性性性 型面 有名人名 在对对的基本人 的现在分词。

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Work of the Karelian Branch of the Academy of Sciences of the U.S.S.R. on forestry and the lumber industry. Izv. Kar. i Kol' (HIRA 11:7) fil. AN SSSR no. 1:20-25 '57.

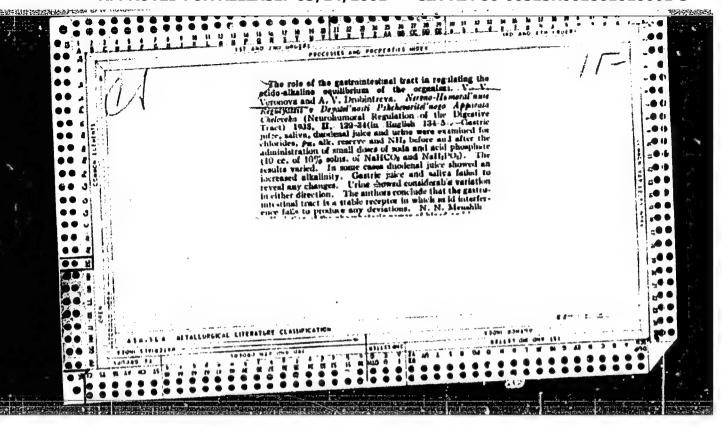
1. Institut less Karel'skogo filiala AH SSSR. (Karelia -- Forestry research)

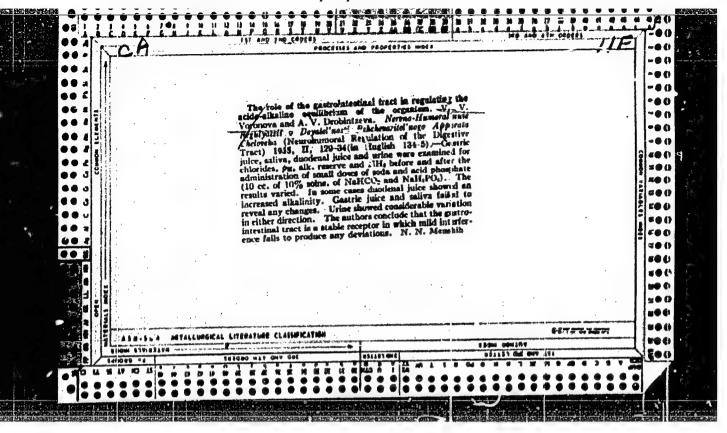
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	plant successi fil. AN SSR (KareliaFore			10:9)
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IONIN, Aleksandr Aleksandrovich, kand. tekhn. nauk; NOVIKOVA, M.H.,
ved. red.; VORONOVA, V.V. tekhn. red.

[Fundamentals for the design of jet gas burners] Osnovy rascheta ezhektsionnykh gazovykh gorelok.
https://doi.org/10.1001/jedat.1001/je





PEYZULAYEV, SH.I.; KARABASH, A.G.; KRAUZ, L.S.; KOSTAREVA, F.A.;
SHIRNOVA-AVERINA, N.I.; BABINA, F.L.; KOHORAT'YEVA, L.I.; VORCHOVA,

Ye.F.; MESHKOVA, V.M.

Spectral method for the determination of trace impurities. Zav. lab.
(MIRA 11:7)

(Spectrum analysis)

2) R	mpil, 1956.	2 5	sess sess nothuk sye. sye.	and technical studies th All-Thion Confer- sers carrid out by transcrees. The services. The services of rave earths, sethods for confeculing of gas discharge, of metal vapors, efrum analysis of ores trianive spectrum ermistion of the opes, tables, and plus earlysis. services analysis spectrum analysis in and principles and). sor/2700	ves, N.P., Salventins, A. V.T. Kumeteova, Fumeteova, Fumeteova,	7-1-59	3	
		PAINT TOOK TOTAL TOOK TOTAL TOOK	rumnogo sovemhohamija po spektrosl ya spektroskopija (materiale of ti Spektroskopi, 1956. vol 2: Akom L'arvenceopi, 1956. j68 p. Carala, vyp. 4(9)) 3,000 sopies pr	leniya nauk	tental Beard: 6.3, Landberg, Assistantian, (1869) MC.); M.S. Reporent, Bootor of Prysical and Pithamatical Sciences M.S. Pabrikard; Dootor of Prysical and Pathamatical Sciences W.S. Pabrikard; Dootor of Prysical and Mathamatical Sciences W.S. Rothtadd; Gardinate of Twoinian Saismoss; M.S. Myskil Gardinate of Physical and Technical Sciences; M.S. Limowkie Gardinate of Physical and Pathamatical Sciences; W.S. Hillya Glamberses; Proctor of Physical and Mathamatical Sciences; M.S. Hilya Glamberses; Proctor of Physical and Mathamatical Sciences; M.S. Macaery; Tech. Mc; T.V. Sarmywie, Mr; S.L. Garger; Tech. Mc; T.V. Sarmywie, Mr; S.L. Garger; Tech. Mc; T.V. Sarmywie, Mr; S.L. Garger; Tech. Mc; Tech. Weither Sciences; Mr; S.L. Garger; Tech. Mc; Tech. Weither Sciences Mr; S.L. Garger; Tech. Mc; Tech. Mc; Tech. Sciences Mr; S.L. Garger; Tech. Mc; Tech. Mc; Tech. Sciences Mr; S.L. Garger; Tech. Mc; Tech. Mc; Tech. Sciences Mr; S.L. Garger; Tech. Mc; Tech. Mc; Tech. Sciences Mr; S.L. Garger; Tech. Mc; Tech. Mc; Tech. Mc; Tech. Sciences Mr; S.L. Garger; Tech. Mc; Tech	use contains 117 seignt. "So and cography presented at the 10th All cography presented at the 10th All copy in 1950. The studies were little and technical institutes at the scholar sour physics and others against the combustion theory, spectra on physics and tispersion in the combustion theory, spectra of the combustion theory, spectra of an and all thes, speak seams of alcoholar of astal thes speak seams of alcoholar you want atton in the prerequiry of variation in the prerequiry of variation in the prerequiry of traces of astals, speak seadles and stallurgy, and strochemical analysis.	Card 2/31	materials of the 10th All-Union Conference (Cost.)	1. Sh.t. Peyrulayer, R.L. Slynes. R.L. Marrord-Aesther, Z.H. Just Corn. St. Marrord. L.P. Pogesher X.L. Marrord. M. Pogesher X.L. J. Pogesher X.L. J. Pogesher X.L. J. J. October E. M.L. Yolorstkys, and H.R. E. Spectrochemical Analysis of Pure	MAILABLE: Library of Congress	Card 33/33	
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CIA-RDP86-00513R001861010001-3

VORONOVA, YE. G.

Defended his Dissertation for Candidate of Technical Sciences in the Moscow Chemicotechnological Institute, Moscow, 1953

Dissertation: "Application of Dilatometry to the Study of Polymorphism in Fats and for the Appraisal of Their Properties in Industrial Production"

SO: Referativnyy Zhurnal Khimiya, No. 1, Oct. 1953, (W/29955, 26 Apr 54)

CIA-RDP86-00513R001861010001-3

SKRYNNIKOVA, G.N.; MATVEYEVA, N.I.; SMETANIN, L.L.; VORONOVA, Ye.I.

Testing the new design of a high-frequency titrimeter. Trudy
VNIIT no.13:213-218 '64.

(MIRJ. 18:2)

CIA-RDP86-00513R001861010001-3

COVOROVA, L.M.; SKRYNNIKOVA, G.N.; VORONOVA, Ye.l.

Using 30% hydrochloric acid for the colorizatric determination of phenola with vanillin in the tar waters of shale-refining combines. Trudy VNIIT no.13:227-231 '64. (MIRA 18:2)

CIA-RDP86-00513R001861010001-3

VORONOVA, Ye. P., Cand Agr Sci -- (diss) "Soils of flood-plains in the Podgorenskiy rayon of the Voronezh oblast, their genesis, composition, properties, and basic approaches of agricultural utilization ition, properties, and employment." Voronezh, 1960. 24 pp; (Ministry of Agriculture KSFSR, and employment." Voronezh Agricultural Inst); 150 coples; price not given; (KL, 27-60, 156)

VORONOVA, Ye.P.

Soil formation processes and classification of alluvial soils in the steppe zone of the Central Black Earth Region. Pochvovedenie no.7:43-52 160. (HIRA 13:7)

1. Vserossiyskiy nauchno-issledovatel'skiy institut sakharnoy svekly i sakhara.

(Central Black Earth Region-Alluvial lands)

(Soil formation)

J

USSR/Spil Science - Genesis and Geography of Spils.

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Abs Jour : Ref Zhur Biol., No 22, 1958, 99986

Author : Voronova, Ye.P.

Inst : Voronezh Agricultural Institute

Title : Soils of the Botton Lands of the Ribers Dry Rossosh' and

Popov's Ravine

Orig Pub : Zap. Voroneshsk. s.-kh. in-ta, 1957, 27, No 2, 335-338

Abstract : The bottom lands of the rivers Lry Rossosh' and Popov's

Ravine in the territory of Voronezhskaya Oblast' are situated in deep trough-shaped valleys surfounded by high watersheds, which had been put together by linestones. Along the entire extension of the valleys there are no clearly expressed river beds and permanent water currents. Here are distributed water-meadow, muddy-mark

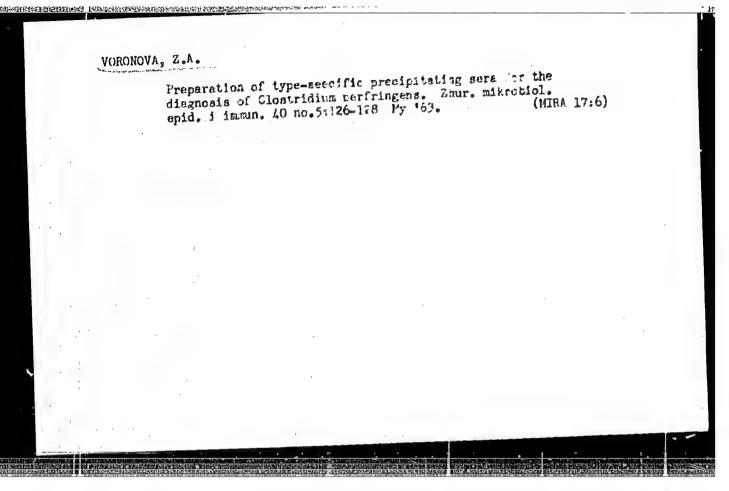
shy, sod-mendow and sod-cleyey soils. Some

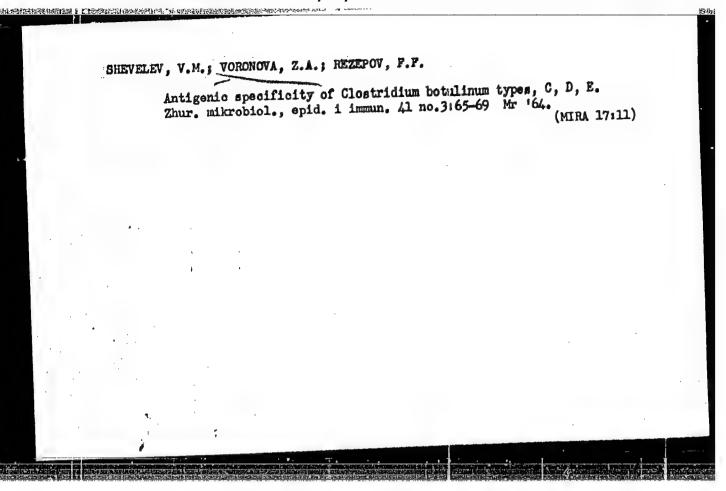
Card 1/2

- 17 -

EWT(1)/T UR/0016/66/200/003/0134/0138 L 31189-66 SOURCE CODE: ACC NR: AP6022596 AUTHOR: Voronova, Z. A. ORG: Institute of Epidemiology and Microbiology im. Gamaleya, ANN SSER (Institut epidemologii i mikrobiologii AMI SSSR) TITLE: Order in which gamma-1 and gamma-2 antibodies are formed after the first and subsequent actions of antigen I. Antibody distribution in serum protein fractions after the first and subsequent inoculations of rabbits with Rickettsia prowazekii SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 3, 1966, 134-138 TOPIC TAGS: rabbit, antibody, antigen, protein, blood serum, gamma globulin, immunology, electrophoresis, rickettsial disease ABSTRACT: The earliest antibodies were determined in rabbits 7-21 days after initial infection with R. prowazekii mainly in the Gamma-l-globulins, then in the Gamma-2globulins. Antibodies in the sera of convalescent and reinfected animals were found almost exclusively in the gamma-2-fraction. The maximum hemagglutinin titer was observed in the garma-l-fraction; the lowest complement-fixing antibody titer, in the gamus-2-fraction. Agglutinins to Proteus OX19 after the initial inoculations were generally found only in the gamma-1-globulins, but could not be determined at all after the second inoculation. The author concludes that the method of immunoelectrophorosis with soluble antigen from R. prowazekii is valuable in serological diagnosis of the primary and secondary immunological responses. Orig. art. has: 2 figures. JPRS/ OTH REF: 009 03 19Mar65 ORIG REF: SUE CODE: 06 / SUBM DATE:

CIA-RDP86-00513R001861010001-3





VORONOVA, Z.A.

Determination of the antigenic properties of botulism toxins and anatoxins types A and B with the aid of the ring precipitation reaction. Zhur. mikrobiol. epid. 1 immun. 31 no. 4:94-99 Ap 160. (MIRA 13:10)

(TOXINS AND ANTITOXINS) (BOTULISM)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001861010001-3

VOROB'YEV, A.A.; VASIL'YEV, N.N.; SHEVELEV, V.M.; YORONOVA, Z.A.; PETROVA, Ye.K.; BAZHENOVA, G.A.; ANDROSHCHUK, S.M.

Study of botulin anatoxins. Report No.6: Type D botulin anatoxin. Zhur. mikrobiol., epid. i immun. 40 no.9:87-92 S'63.

(MIRA 17:5)

ACCESSION NR: APh025078

8/0016/6h/000/003/0065/0069

AUTHOR: Shevelev, V. M.; Voronova, Z. A.; Rezepov, F. F.

TITLE: Antigen specificity of Cl. botulinum types C, D, and E

SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 3,

1964, 65-69

TOPIC TAGS: botulism, Cl. botulinum types C, D, and E, botulinus
toxin, botulinus heterogeneous toxin, antigen specificity, antigen
affinity, neutralization reaction, precipitinogen

ABSTRACT: The degree of antigen affinity between Cl. botulinum types
C, D, and E was determined by neutralization reaction of their toxins,
C, D, and E was determined by neutralization reaction with
passive and active immunization, and precipitation reaction with
sorums types C, D, and E were mixed with various quantities of homosorums types C, D, and E were mixed with various quantities of homoand heterogeneous toxins, kept at room temperature for an hour, and
and heterogeneous toxins, kept at room temperature Death rate and
then were injected intravenously into white mice. Death rate and
clinical symptoms during the following four days served as indices.
For passive immunization antitoxin serums types C, D, and E were
For passive immunization antitoxin serums types C, D, and E were
For passive immunization antitoxin serums types C, D, and E were

ACCESSION NR: AP4025078

heterogeneous toxins were injected intraperitoneally. To find possible cross immunity, actively immunized animals received single subcutaneous immunization with concentrated botulinus antitoxins types C, D, and E sorbed in aluminum oxide hydrate and immunity strength was tested. For cross precipitation reactions, boiled extracts of microbe cells common to 8 strains of Cl. botulinum C, D, and E were used as antigens. Findings show that botulinus toxins types C, D, and E have a certain antigenic affinity. Large doses of antitoxin for a given type are capable of neutralizing small doses of heterogeneous toxin. Active or passive immunization against botulinus toxins C, D, and E produces insignificant resistance to other type toxins. Cl. botulinum type D strains contain bacterial antigens (precipitinogens) common to antigens found in C and E type strains. Antigen specificity of Cl. botulinum types C, D, and E is confirmed by these data with only an insignificant affinity found between types C, D, and E. Orig. art. has: 4 tables.

ASSOCIATION: None

SUBMITTED: 18Jan62 ·

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SUB CODE: 15.

NR REF SOV: 001

OTHER: OOL

sov/16-60-4-23/47

17 (2,12)

Voronova,

AUTHOR: TITLE:

Determining the Antigenic Properties of Types A and B Botulinum Toxins

and Toxoids by the Ring Precipitation Test

PERIODICAL:

Zhurnal mikrobiologii, epidemiologii i immunobiologii, 1960, Nr 4,

pp 94 - 99 (USSR)

ABSTRACT:

The aim of the work was to find a method of preparing sera which could be used in the ring precipitation test with crude or concentrated botulinum toxoids. Sera were obtained by immunizing rabbits with young bacterial cells of a heterologous strain of Clostridium botulinum types A and B. These sera could be used in the ring test for rapid determination (within 1 hr)of the antigenic properties of types A and B Cl. botulinum toxins and toxoids. Parallel tests were made of 240 batches of crude and 76 batches of concentrated type A and B Cl. botulinum toxoids by the ring test and by the Becher-Krauss-Lowenstein method. Full coincidence of the results from the two tests was obtained for 88 and 82% of the batches respectively. With the other batches the divergence in the results amounted to 6 - 10%. The ring precipitation test accurately reflects the antigenic properties of Cl. botulinum toxins and

Card 1/2

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Determining the Antigenic Properties of Types A and B Bot: linum Toxins and Toxoids by the Ring Precipitation Test

may be used as a method of selecting them for the preparation of toxoids. The degree of toxicity of the A and B toxins, determined by titration on white mice, is not always sufficient for an appraisal of their antigenic properties, especially where the toxin has been activated by pancreatin and calcium chloride. The ring test is therefore recommended as a substitute for titration on white mice. There are 5 tables, 1 graph and 5 Soviet references.

SUBMITTED:

December 9, 1958

Card 2/2

 VORONOVICH, Andrey Arkhipovich; BACHILO, I., red.; ZAKHAPOVA, G., mlad. red.; SHIKIN, S., tekhn. red.

[Lenin's agrarian program and how it has been carried out in the U.S.S.R.] Leninskaia agrarnaia programma i ee osushchestvlenie v SSSR. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1961. 554 p. (MIRA 14:9)

(Agricultural policy)

VORDNOVICH, B.A. (Moskva)

Natural and artificial surroundings. Prireda 52 no.3:40-45 '63.

(Science)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001861010001-3

VORONOVICH, D. Ya

"Establishment of Effective Methods of Pinching a Grapevein During the Multibranch Formation of the Cluster." Cand Agr Sci, Georgian Agricultural Inst, 12 Oct 54. (ZV, 23 Sep 54)

SO: Sum 432, 29 Mar 55

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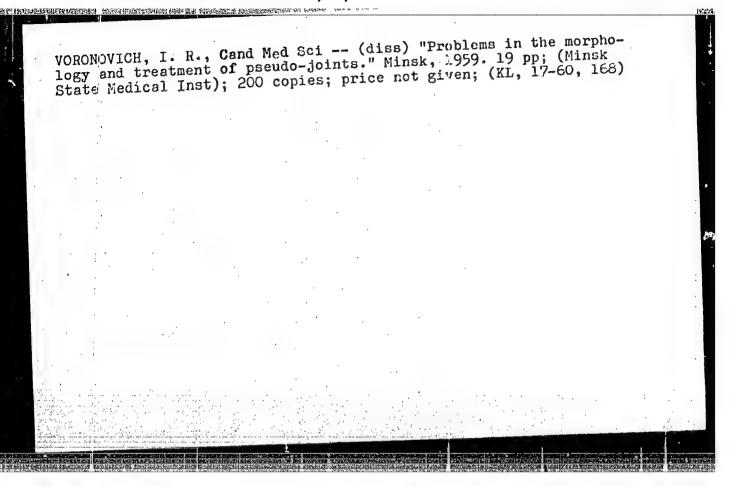
YORONOVICH, I.R.

Problem of the morphology of false joints. Zdrav. Belor. 5 nr.9: (MIRA 12:12) 33-37 8 159.

1. Iz Nauchno-issledovatel'skogo instituta travmatologii i ortopedii Ministerstva zdravookhraneniya BSSR (direktor - pref. R.M. Minina, nauchnyy rukovoditel' - prof. B.N. TSypkin). (PSEUDOARTHROSIS)

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CIA-RDP86-00513R001861010001-3



BUDYAK, N.F.; VORONOVICH, S.A.; KRUPENYA, S.I.

Neutral tar lubricant from the power-engineering refinement of lignite. Khim. i tekh. topl i masel 9 no.8:37-41 Ag '64.

(MIRA 17:10)

1. Podmoskovnyy nauchno-issledovatel skiy i proyektno-konstruktorskiy ugol'nyy institut.

SERGIYEVSKIY, V.S., VORONOVA, H.V.

Bxperimental myocsrdial infarct and its excision. Report No.2
[with summary in English]. Eksper.khir. 3 no.5:29-34 S-0 '58
(MIRA 11:11)

1. Iz Il'inskoy rayomny bol'nitsy (glavnyy vrach A.I. Ivanov)

Velikolukakoy oblasti.
(MYOCARDIAL INFARCT. exper.

excis. in animals (Rus))

- 1. YORONOV, P., Eng.
- 2. USSR (600)
- 4. Milling Machines
- 7. Adjustment and regulation of machine tools for grinding crank shafts. MTS 13, No. 4, 1953.

April 1953, Uncl. 9. Monthly List of Russian Accessions, Library of Congress,

CIA-RDP86-00513R001861010001-3" APPROVED FOR RELEASE: 03/14/2001

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- 1. VOROMOV, P.
- 2. USSR (600)
- 4. Grinding and Polishing
- 7. Adjustment and regulation of machine tools for grinding crank shafts, MTS 13 no. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Unclassified.

VORONOV, P.

Ensilage

Digging silage trenches by tractor power. Eng. MTS 12 No. 8, 1952.

Monthly List of Russian Accessions, Library of Congress November 1952. UNCLASSIFIED

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CIA-RDP86-00513R001861010001-3

VORONOV, P., Eng.

Tractors

Digging silage trenches by tractor power. MTS 12 no. 8, 1952

Monthly List of Russian Accessions, Library of Congress, November 1952. UNCLASSIFIED.

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001861010001-3

VORONOV, P.

Drilling and Boring Machinery

Universal machine for boring bearings, MTS 11, No. 12, 1951.

Monthly List of Russian Accessions, Library of Congress, May 1952, Unclassified.

VORONOV, P., Eng.

Automobiles - Motors

Checking the bearing surface for crank bearing bushings in the blocks of automobile and tractor engines. MTS 13, No. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001861010001-3

VORCNOV, P., Eng.

Tractors - Motors

Repair of engine-block heads. HTS 13, No. 2, 1953.

Monthly List of Russian Accessions, Library of Congress June 1953. UNCL.

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861010001-3

VORONOI, P., Eng.

Tractors - Motors

Checking the bearing surface for crank tearing bushings in the blocks of automobile and tructor engines. MTS 13, No. 3, 1953.

Monthly List of Russian Accessions, Library of Congress June 1953. UNCL.

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861010001-3

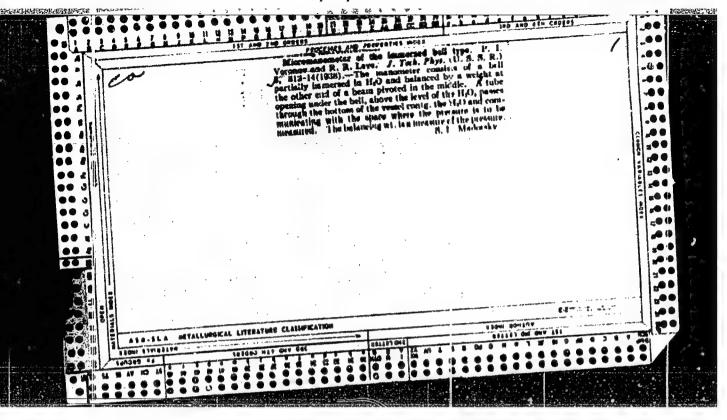
IZHUNKOVSKIY, N.N., professor, doktor tekhnicheskikh nauk; BLIZHYAK, Ye.V., professor; GUBIH, F.F., professor; ABRAHOV, N.N. professor ROZAHOV, N.P., YORONOV, P.A., BGRODIH, P.V., POSIZ DOV, M.A. YUREVICH, D.P., PERSON, N.H., tekhnicheskiy redaktor.

[Introduction to hydraulic engineering] Vvedenie v gidrotekhniku.

Mos.izd-vo lit-ry po stroit. i arkhit. 1955. 301 p.

(Hydraulic engineering) (MLRA 8;8)

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861010001-3



USSR/Forestry - Forest Biology and Typology.

K-2

Abs Jour

: Ref Zhur - Biol., No 5, 1958, 20106

Author

: Voronova, V.S.

Inst

: The Effect of a Change in the Plant Blanket on the Natural

Title

Renewal of Forest Clearings.

Orig Pub

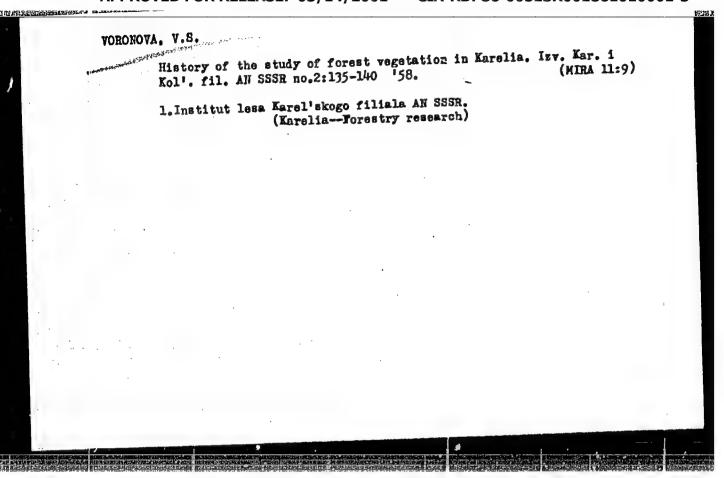
: Tr. Karel'sk. fil. AN SSSR, 1957, vyp. 7, 110-126.

Abstract

: Experiments made in the Petrozavcdsk Forest Grounds by the Forestry Division of the Karelian affiliate of the Academy of Sciences USSR in 1952-1954 have demonstrated that grasses (Calamagrostis wood grasses and crinkled hair-grass) which take an insignificant part in the grass stand by the second to third year assume a dominant position in glades of all habitats with the exception of those which are excessively moistened. The predominance of grasses is maintained in even older clearings. The amount and nature of conifers renewed after felling is determined to a

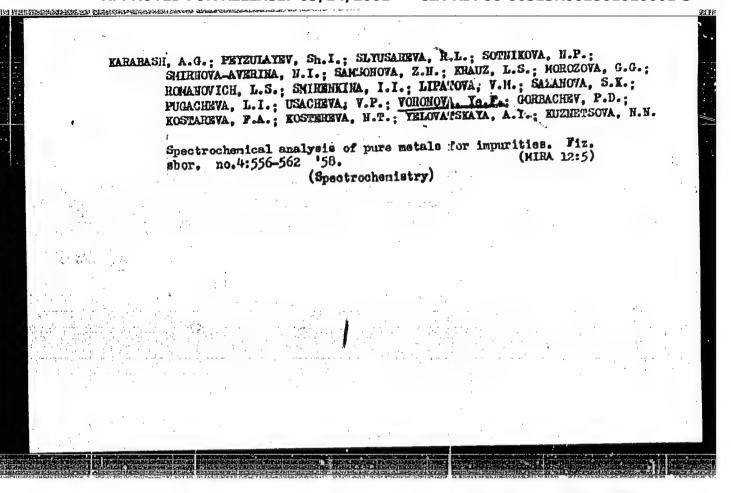
Card 1/2

- 25 -



VORONOVA-SHABANOVA, M. S., Doc Med Sci (diss) -- "Treating children suffering from tuberculous meningitis (Clinical-experimental investigation)". Moscow, 1959.

22 pp (Min Health RSFSR, Sarutov State Med Inst), 300 copies (KL, No 24, 1959, 147)



22(1)

SOV/3-59-3-16/48

AUTHORS:

Abramov, P.N. and Voronovich, A.A., Candidates of

Historical Sciences, Docents

TITLE:

We Continue the Discussion on Seminar Methods (Pro-

dolzhayem razgovor o metodike seminara)

PERIODICAL:

Vestnik vysshey shkoly, 1959, Nr 3, pp 31-34 (USSR)

ABSTRACT:

The authors describe a seminar conducted by the Chair for the History of the CPSU of the Moscow Aeronautical Institute. Its theme was "The 3rd Party Congress and V.I. Lenin's Book 'Two Tactics of Social-Democracy in the Democratic Revolution'". They comment in detail on the procedure, the way the seminar was prepared, and draw certain conclusions. The joint presence of the Chair members at the seminar, and the subsequent exchange of opinions, has polished the instructors' points of view and has helped them to formulate more precisely methodological principles. The authors consider that the success of a seminar does not depend solely on the pedagogical and methodical skill

Card 1/2

SOV/3..59-3-16/48

We Continue the Discussion on Seminar Methods

of the instructor, but also on his scientific qualification. It is very important that the instructor bring forth material from his own scientific work. The authors emphasize the necessity of a close, organic contact between lectures and seminars.

ASSOCIATION: Moskovskiy aviatsionnyy institut imeni S. Ordzhoni-

kidze (Moscow Aeronautical Institute imeni S. Ord-

zhonikidze)

Card 2/2

VORCHOVICH, I.I.

Rubnev-Lalerkin method in the non linear theory of vibrations of slightly raked shells. Dokl. AN SSSR 110 no.51723-726 0 156.

(MIRA 10:1)

1. Rostovskiv gosudarstvennyy universitet imeni V.M. Molotova. Pred-

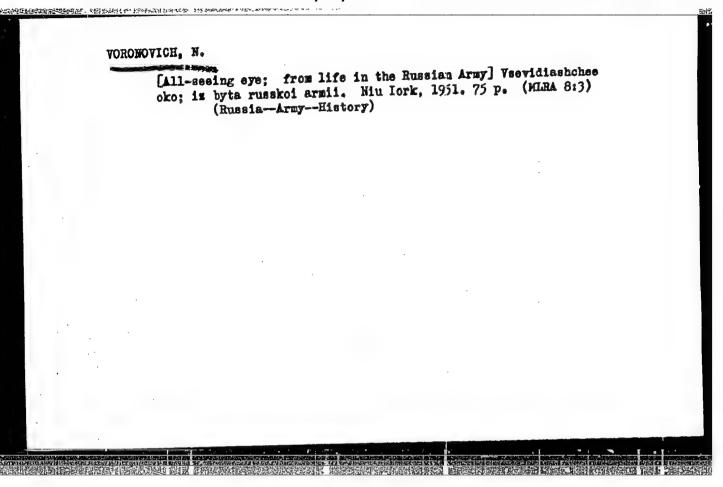
l.Rostovskiy gosudarstvennyy universitet imeni V.M. Molotova. Predstavleno akademikom S.L. Sobolevym.
(Functional equations) (Elastic plates and shells)

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861010001-3

VCEONOVICH, I. V. aná Gorlenko H. V.

Phytopathic Bacteria and Insect Vectors, (from Bibliography of Soviet Publications in Plant Pathology and Closely Related Fields)

Uspekhi Sovremnov Biologiya, pp 458-463



"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861010001-3

PANELIGIAN DE LA CONTRACTOR DE LA CONTRA

VORONOVICH, N.D., veteinarnyy viach (Miorskiy rayon, Polotskoy oblasti)

An avens therapy for babesiasis in cattle. Veterinariia 30 no.6:
34-35 Je '53.

(MIMA 6:5)

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861010001-3

VORONOVICH, N. D.

Utilization of Riparian (littoral) Avens for Treatment of Babesiasis in

Cattle.

SO: Vet.; Vol. 30; No. 6; 34; June 1953, Unclassified. Trans. #121 by L. Lulich Veterinarian, Miorskiy Rayon, Polotsk Oblast.

PLOTKIN, B.P.; VORONOVICH, N.F.

使用的现在分词并使用类似的。 这种是一种,可以使用的一种,可以使用的一种,可以使用的一种,可以使用的一种,可以使用的一种,可以使用的一种,可以使用的一种,可以使用的一种,可以使用的一种,可以

Significanc of hydrotubage in the diagnosis and treatment of female sterility. Zdrav. Bel. 9 no.7:15-17 J1:63 (MIRA 17:4)

1. Iz Pinskogo gorodskogo rodil'nogo doma (glavnyy vrach rodil'nogo doma - zasluzhennyy vrach Belorusako; respubliki V.M.
Vorozheykina).

"APPROVED FOR RELEASE: 03/14/2001 CIA-RDP86-00513R001861010001-3

VORONOVICH, N.I.

KUSOV, A.B.; VORONOVICH, N.I.

Hysteresis characteristics of rubber, Kauch, i res. 17 no.2:18-22
(MIRA 11:4)

1.Leningradekiy tekhnologicheskiy institut im. Lensoveta.
(Hysteresis) (Rubber--Testing)

 CONTROL OF THE SECOND STATES AND SECOND SECO

SOV/124-58-8-9421

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 8, p 145 (USSR)

Kusov, A.B., Voronovich, N.I. AUTHORS:

The Effect of Swelling of Rubber on its Physical and Mechani-TITLE:

cal Properties (Vliyaniye nabukhaniya na fiziko-mekhani-

cheskiye pokazateli reziny)

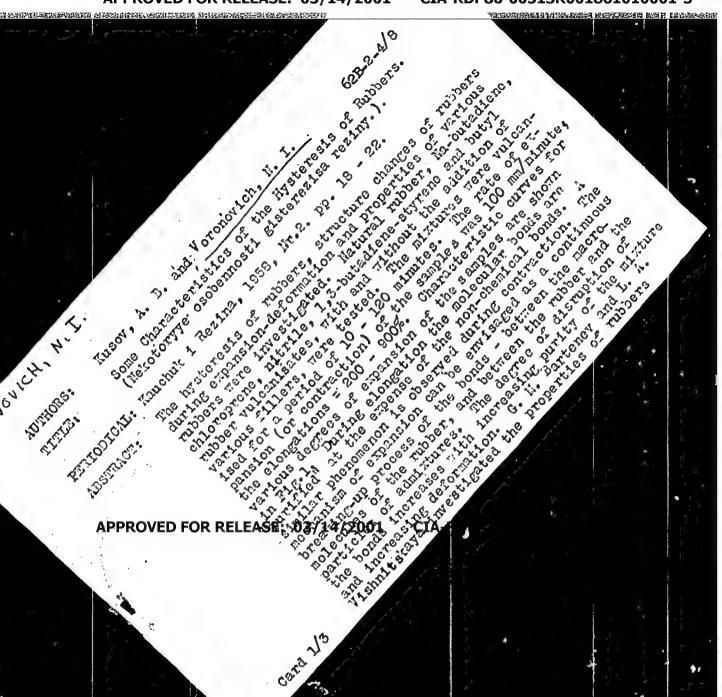
PERIODICAL: Tr. Leningr. tekhnol. in-ta im. Lensoveta, 1957, Nr 42, .pp 47-54

ABSTRACT:

The authors have made a study of the effect had on the behavior of the stress-elongation curves of different types of rubber by the various degrees of swelling (up to 70-80%) which the specimens that they examined had undergone. The curves for the swollen specimens behaved in general very much the same as did those for the specimens that had not swollen, though the modulus of extensibility and rupture strength of the swollen specimens were lower.

From the résumé

Card 1/1



Some Characteristics of the Hysteresis of Rubbers. 62B-2-4/8

which crystallised during elongation and gave a number of equilibrium constants of contraction (Fig2, curves 1 - 9). The authors found that these curves could be superposed and represented by curve 10. They concluded that all rubbers, independent of their structure, contract e qually. The various numerical values of elongation are emplained by the fact that each sample is subjected to internal stresses and corresponding deformation. After defining the hysteresis losses for various rubbers the authors also found that the hysteresis losses of crystallising rubbers (natural chlooprene and butyl rubber) differs to a large extent from the values for non-crystallising rubbers (sodium-1,3-butadiene, 1,3-butadiene-styrene and nitrile rubber). Typical curves for crystallising (Fig.3A) and non-crystallising rubbers (Fig.3B) are given. The ratio of the hysteresis losses (Fig.3B) are given. The ratio of the hysteresis losses (Fig.4). The naminum value of the break strength was found to be 250 - 480 kg/cm² which corresponds to in elongation of 1200 - 1500%, depending on the type of tested rubber. It can be assumed that the structure

Card 2/3 *

62B-2-4/9 Some Characteristics of the Hysteresis of Rubbers.

changes of the rubbers lead to an increasing degree of rupture of the intermolecular adsorption and other bonds. The process of internal destruction or rupture of the honds can proceed at increasing load as well as at con-bonds can proceed at increasing load as well as at con-stant load; the larger the load the shorter the time required for the breating-up of the vulcanisate. These results are similar to those obtained by 3. M. Zhur'tov and D. M. Margullagov on the time dependence of the strengths of solid bodies. There are 4 Figures and 5 References: 3 Russian, 2 Anglish.

ASBORIAGION: Leningrad Mechnological Institute in Lensoviet. (Leningwade'tiv tekhologiches'tiy institut im. Lensoveta).

WAILABLE. Library of Congress.

2. Synthetic rubber-Thermodynamic 1. Vulcanizates-Test results 4. Rubber-Test properties 3. Synthetic rubber-properties 5. Rubber-Properties 6. Rubber-Thermodynemic properties card 3/3 results

BUDYAK, N.F. (Novomoskovsk); Prinimala uchastiyn: VORONOVICH, S.A.

Instability of tars resulting from the high-speed thermal decomposition of solid fuels, Izv. AN SSSR. Otd. tekh.
nauk. Energ. i transp. no.31386-389 My-Je '63.

(MIRA 16:8)

VORONOVICH, Ye.

Potentialities can be found everywhere. Grashd. av. 21 no.6:26
(MIRA 17:8)
Je *64.

1. Nachal nik planovogo otdela Upravleniya aviatsii spetsial nogo
primeneniya i vozdushnykh s yemok Grashdanskogo vozdushnogo flota.

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001861010001-3

VORONOVITSKIY, T. M.

STROYEV, V.S., inshener; VORONOVITSKII, I.M.

Effect of metallurgical factors on the structure and mechanical properties of type 18-8 metal in built-up welding. Svar. proisv. (MEMA 1019) no.11:15-19 M *56.

In-Opytho-svarochnyy zavod TSentral'nego nauchno-issledovatel'-skogo instituta Ministerstra putey soobshchendya. (Steel, Stainless-Metallography) (Steel, Stainless-Metallography)

VORONOVICH, I.R.

Treatment of false joints. Zdrav. Belor. 5 no.11:26-30 H 159.

(MIRA 13:3)

1. Mauchno-issledovatel'skiy institut travmatologii i ortopedii (direktor - prof. R.M. Minina, na uchnyy rukovoditel' - prof. B.M. TSypkin).

(PSEUDARTHROSIS)

VORONKOVSKATA, G.N., kand. med. nauk

PERSONAL PROPERTY OF THE PROPE

Changes in the heart valves and myocardium in long-term septic endocarditis and rheumatic fever. Vrach.delo no.10:1097 0 159. (MIRA 13:2)

1. Kafedra patologicheskoy anatomii (saveduyushchiy - prof. A.M.
Antonov) Saratovskogo meditsinskogo instituta.
(ENDOCARDITIS) (RESUMATIC FEVER)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001861010001-3

GORDIYEVSKIY, A.V.; RENARD, E.V.; (VORONOVSKAYA, M.N.

Synthesis of an electron-exchange polymor. Plast.massy no.3:20-23
(MIRA 14:3)

(Folymers) (Ion exchange)

20186

2209,1273,1208

s/191/61/000/003/004/015 B124/B203

Gordiyevskiy, A. V., Renard, E. V., Voronovskaya, M. N.

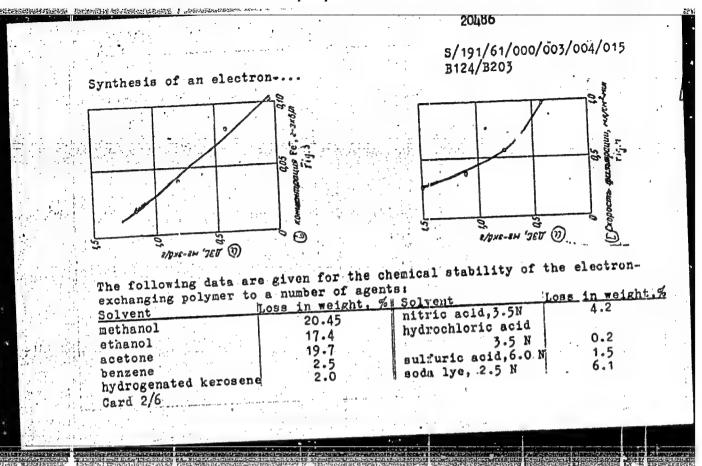
AUTHORS:

Synthesis of an electron-exchanging polymer

TITLE:

PERIODICAL: Plasticheskiye massy, no. 3, 1961, 20-23

TEXT: It has been attempted during the last ten years to synthesize "electron exchangers", i.e., exchanging resins entering redox reactions and permitting sorption at the same time, the selectivity of processes being guaranteed by the constant redox potential of the polymer. The authors defined the production methods and studied the physicochemical properties of the resorcin hydroquinone formaldehyde polycondensate with a The scheme of this process can be represented as molar ratio of 1:1:2.



201,86

Synthesis of an electron -...

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After repeated treatment with the same solvent, no change in weight occurs after the first treatment, since the change in weight is mainly due to the dissolution of the low-molecular components; besides, the redox capacity increases due to increased porosity after the treatment. Therefore, polymers were treated with 1.5 N HNO, and methanol in further tests. apparent redox potential of the polymer was potentiometrically determined with + 0.68 v. The principal physicochemical properties determined according to Ref. 23 (I. E. Apel'tsin et al.: Ionity i ikh primeneniye (Icnites and their application), Standartgiz, 1949) are: heat resistance 150°C, crushing 93.2%, abrasion 102.7%, bulk weight of the air-dry polymer 0.686 t/m², bulk weight of the moist polymer 0.588 t/m², swelling 11.66%. In reduction of iron, the electron-exchanging capacity after ? cycles drops from 4.4 to 3.6 mg-equiv/g. The authors studied the effect of Fe2+-ion concentrations, H-ion concentration, and filtration rate on the dynamic electron-exchanging capacity (DEC) (Figs. 2-4). For the concentration constant of the redox reaction, they derived the relation K=e'E' nF/RT where AE is the difference between the standard redox potentials of the

Card 3/6

201,86 \$/191/61/000/003/004/015 B124/B203

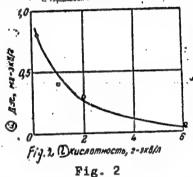
Synthesis of an electron-...

systems Fe^{+3}/Fe^{+2} and the potentials resin-ox/resin-red (0.77 - 0.68 v), n is the number of electrons participating in the reaction (n-2), and F is the Faraday number. After introduction of the numerical data, K is

found to be 10^{3.12}. There are 4 figures and 23 references: 9 Soviet-bloc and 14 non-Soviet-bloc. The reference to the English-language publication reads as follows: H. J. Gregor, J.Am.Chem.Soc. <u>77</u>, 3675 (1955).

Fig. 2. Dependence of the dynamic electronexchanging capacity (DEC) of the polymer on the acidity of the solution (Fe-content 0.04 g-equiv/1, filtration rate 0.43 ml/cm² min)

Legend: (a) DEC, mg-equiv/g, (b) acidity, g-equiv/1.

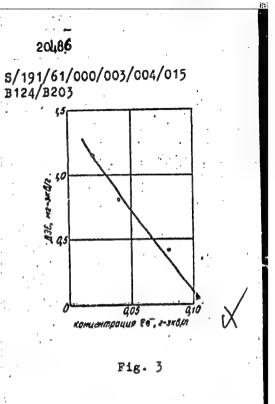


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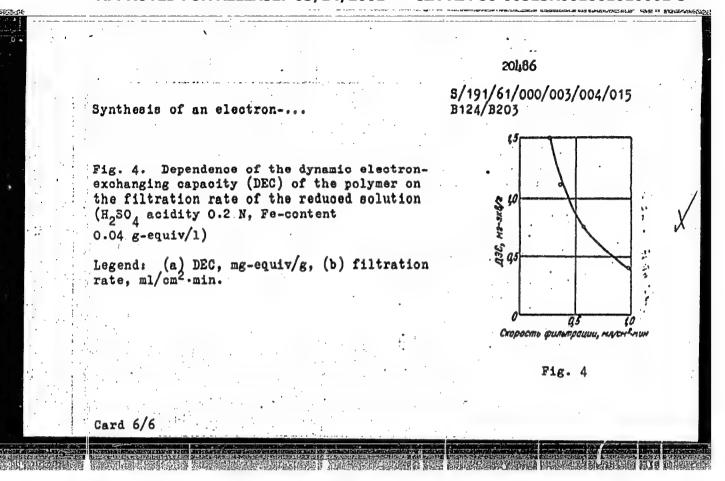
Synthesis of an electron-...

Fig. 3. Dependence of the dynamic electron-exchanging capacity (DEC) of the polymer on the concentration of the reduced Fe ion (H₂SO₄ acidity 0.2 N, filtration rate 0.43 ml/cm³·min).

Legend: (a) DEC, mg-equiv/g, (b) concentration of Fe., g-equiv/1.



Card 5/6



VOR MOVSKAYA, YS. V

Opredeleniye asimptotichoskogo vida priblizheniya funktsiy polinomami S.N. bernshteyna. DAN (a), (1932), 79-85.

So: Mathematics in the USSR, 1917-1947
edited by Kurosh, A.G.,
Markushevich, A.I.,
Rashevshily, P.K.
Moscow-Leningrad, 1948

·	NOVSKAYA, E.V.
USSR/M	athematics
Card 1	/1 Pub. 22 - 1/47
Author	: Voronovskaya, E. V.
Title	Application of the functional analysis to polynomials with the least deviation
Period	ical: Dok. AN SSSR 99/1, 5-8, Nov 1, 1954
Abstra	ct: A series of theorems is presented. They are intended to prove that the functional $F(f) = \int f(t)dg(t)$ determined by a sequence of momenta
	$\mu_{k} = (t^{k} dg(t))$ (k = 0, 1, 2,) can be used for finding the so-called
	TD5
	definition of an "extremal lunds
Insti	1941). tution: Leningrad Electrotechnical Institute im. M. A. Bon-Brusvich
Prese	nted by: Academician V. I. Smirnovym, Aug 16, 1954.

VOROHOVEKAYA, E.V. USSE, Mathematics - Extremal polynomials Card 1/1 : Pub. 22 - 2/40 Voronovskaya, E. V. Authors : "Extremal" polynomials of the simplest functionals Title Periodical : Dok. An SSSR 99/2, 193-196, Nov 11, 1954 Abstract : Applications of the method "extremal" functions (described in Dok. AN SSSR 99/1) for studying the least deviating polynomials of the simplest functionals are presented. A series of theorems is proved showing how one can study and construct an extremal polynomial with the help of the simplest functionals of the [n,n,1] class. Definition of an extremal function is given in the previous work mentioned above. Three USSR references (1928-1954). Institution : Leningrad Electrotechnical Institute im. M. A. Bonch-Bruevich Presented by: Academician V. I. Smirnov, June 7, 1954

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001861010001-3

FD-1145

VORONOVSKAYA, YE.V.

USSR/Nathematics - Differential equations

Card 1/1

: Pub. 85 - 14/15

Authou!

Voronovskaya, Ye. V. (Leningrad)

Title

Variation of Chaplygin's method for differential equations of the first

order

Periodical

Prikl. mat. i mekh. 19, No 1, 121-126, Jan-Feb 1955

Abstract

The author notes that Chaplygin's method of approximate integration (S. A. Chaplygin, Novyy metod priblizhennogo integrirovaniya differentsial'nyih uravneniy, 1950) for all its great theoretical value is but little used in practice even for equations of the first order. The method is of interest first of all for the exceptional rapidity of convergence of the approximations $y_n(x)$ to the desired integral y(x); however, the computations are so tremendous and become so rapidly complicated in the iteration process that in practice the representation of the integral in analytic form is difficult even for n=2. In the present note the author selects the linear surface such that the rapidity of convergence increases and the final quadrature is simplified. Two references (e.g. N. N. Luzin, 1932).

Institution '

Submitted

August 4, 1954

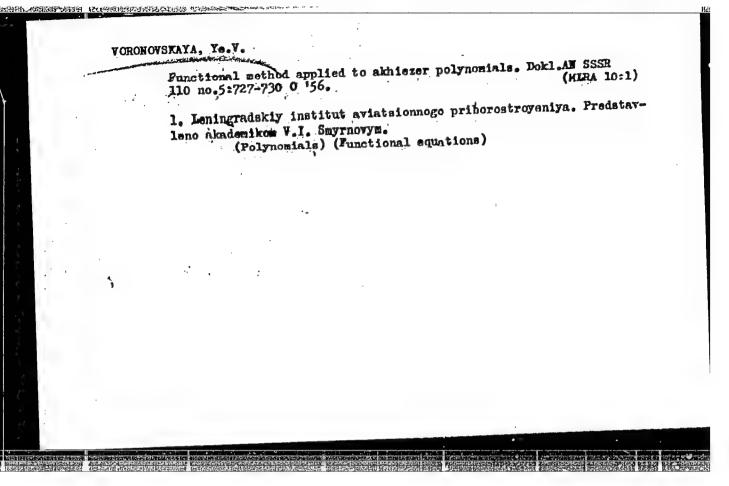
VORONCIVSKAYA, YE. V.

VORIONOVSKAYA, Ye. V. - "Extremal Polynomials of Finits Functionals." Leningrad Order of Lenin State U imeni A. A. Zhdanov, Leningrad, 1955 (Dissertation for the Degree of Doctor of Physicomathematical Sciences)

SO: Knizhnava letopia*, No. 33, 1955, pp 85-87

"APPROVED FOR RELEASE: 03/14/2001

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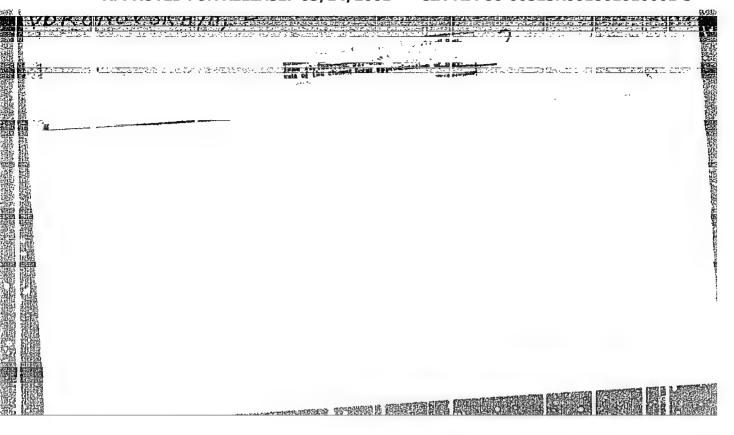


POROHOVSKAYA, Ye. V.

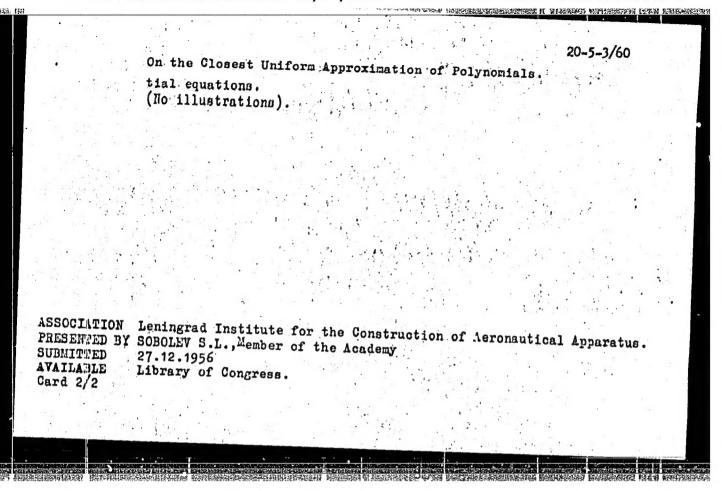
"The Functional Method Applied to Akhiyezer Polynomials," by Ye. V. Voronovskaya, Leningrad Institute of Aviation Instrument Building, Doklady Akademii Nauk SSSR, Vol 110, No 5, 1956, pp 727-730

Using a previously derived method (Ye. V. Voronovskaya, "Experimental Polynomials of Finite Functionals," Dissertation, Leningrad, 1955), the suthor investigates polynomials of the passport [n, n - 1, 0], and identifies them with the class of polynomials obtained by N. I. Akhiyezer in one of his experimental problems (Izvestiya Fiziko-Matematicheskogo Obshchestva pri Kazanskom Universitete, Series 3, 3, 1928). The author's method results in the derivation of a system of differential equations, the integrals of which are the coefficients of the previously cited polynomials depending on two variable parameters.

Sum 1274



ONOVSKA VORONOVSKAYA, E.V. AUTHOR On the Closest Uniform Approximation of Polynomials -(O ravnomerno-mailuchshem priblizhemii polinomov - Russian) TITLE Doklady Akad. Nauk SSSR, 1957, Vol 114, Nr 5, pp 927 - 929 (U.S.S.R.) PERIODICAL The present paper investigates a special case of Chebyshev's theorems of the best approximation of a function which is steady in [0,1] by ABSTRACT means of polynomials with assumed power. Let it be assumed that f(x) = $P_n(x)$; with m<n a $P_m(x)$ is searched for, for which max $|P_n(x)-P_m(x)|$ has the loest value L. If one puts $P_n(x)-P_m(x)=Y_n(x)$ the following formulation of the problem is obtained; Among the polynomials of the power n with the assumed n-m highest coefficients that which deviates least in [0,1] from zero is to be found. Also the deviation L itself is required. This problem can be completely solved if Qn(x) is a polynomial of the II.class, i.e. if the number of its nodes syn/2+1 amounts to about max $|Q_n| = 1$. For this the condition m+2 > n/2+1 is sufficient. It is thus true that m>n(2m+2. The characteristic properties of the polynomials of the II.class are then given. The existence of polynomials with any "pass" (i.e. with any power, any number of nodes, and any number of repetitions of the sign of the polynomial on the interval limits) is obtained by means of quite simple linear functionals. For these polynomials 6 theorems are given. From one of them there follows a method for the analytical construction of the polynomials of II. class as integrals of a system of ordinary differen-Card 1/2



GORDIYEVSKIY, A.V.; FILIPPOV, E.L.; VORONOVSKAYA, H.N.

Use of ion exchange membranes in the calcium form as indicator electrodes. Trudy MKHTI no.47:184-188 '64.

Formation of protective films on the surface of cast iron. Ibid.:189-192

Sand fused on iron castings and role of cast iron silicon in its formation. Ibid.:193-197 (MIRA 18:9)

